

# Vocabulary

*Use the vocabulary words and definitions below as a reference for this unit.*

**anthracite** ..... the final stage in the formation of coal; it is very hard and burns cleanly

**biomass fuel** ..... a burnable fuel made from plant and animal material  
*Examples: wood and peat*

**bituminous** ..... the third stage in the formation of coal; it is soft and gives off a lot of heat when burned

**coal** ..... fossil fuel that comes from plants that lived millions of years ago

**conserve** ..... to save natural resources for the future

**electricity** ..... the type of energy produced by using natural resources such as water, wind, and fossil fuels to power a generator

**energy** ..... the ability to do work or move objects

**fossil fuel** ..... fuel made from decayed plants and animals that lived millions of years ago preserved below Earth's crust  
*Examples: coal, oil, natural gas*

**geothermal energy** ..... energy produced by the heat from inside Earth's crust



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<b>hydroelectricity</b> .....	electricity produced by falling water
<b>lignite</b> .....	the second stage in the formation of coal; it is moist and still has bits of woody tissue in it
<b>methane</b> .....	natural gas used in stoves and for heating homes
<b>natural gas</b> .....	a fossil fuel in its gaseous state found along with oil deposits
<b>natural resources</b> .....	materials found on or inside Earth's crust that people can use
<b>nonrenewable resources</b> .....	materials that are used up faster than they can be replaced in nature or can be used only once
<b>nuclear energy</b> .....	energy produced by splitting the nucleus of the uranium atom
<b>oil shale</b> .....	sedimentary rock with oil trapped between its layers
<b>peat</b> .....	the first stage of the formation of coal; formed from decomposed plants
<b>petroleum or oil</b> .....	liquid fossil fuel formed from plants and animals that lived in the sea
<b>renewable resources</b> .....	materials that can be replaced in nature at a rate close to their rate of use or used over again



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**solar cells** ..... a device used to collect energy from the sun and transform it into electricity

**solar collectors** ..... large panels that collect solar energy that will be used to heat water, etc.

**solar energy** ..... energy from the sun

**tidal power** ..... the energy from the two-way flow of the tides used to produce electricity

**wind power** ..... energy of the wind used to create electricity